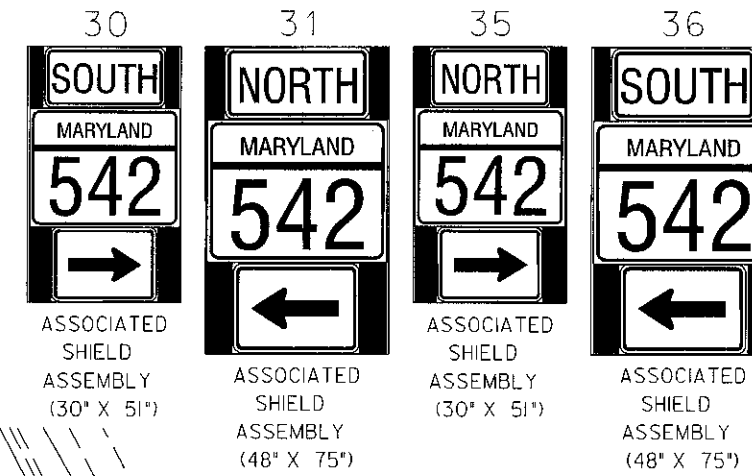
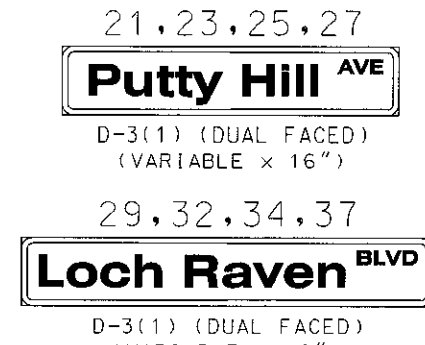
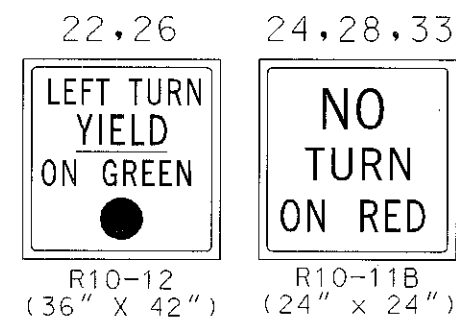


MD 542 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

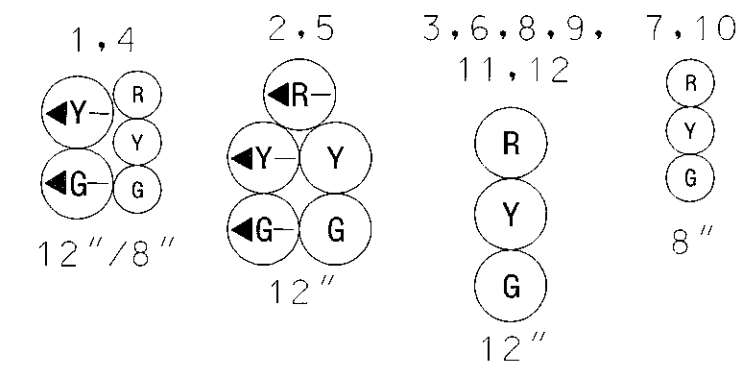
GENERAL NOTES

THE CONTRACTOR SHALL PURCHASE AND DELIVER NAVIGATOR AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON, LED PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN HEAD CONTROL UNIT TO SHA SIGNAL SHOP AT 7491 CONNELLEY DRIVE, HANDOVER, MD 21076 TO TEST AND ASSEMBLE THE UNITS AND RECORD AUDIBLE MESSAGE. THE CONTRACTOR SHALL CONTACT MR. EDWARD RODENHIZER AT (410) 787-7652 AT LEAST THREE (3) DAYS IN ADVANCE OF DELIVERY.

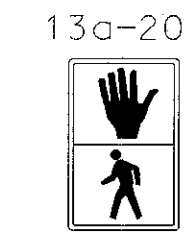
EXISTING SIGNS



EXISTING SIGNAL HEADS TO REMAIN



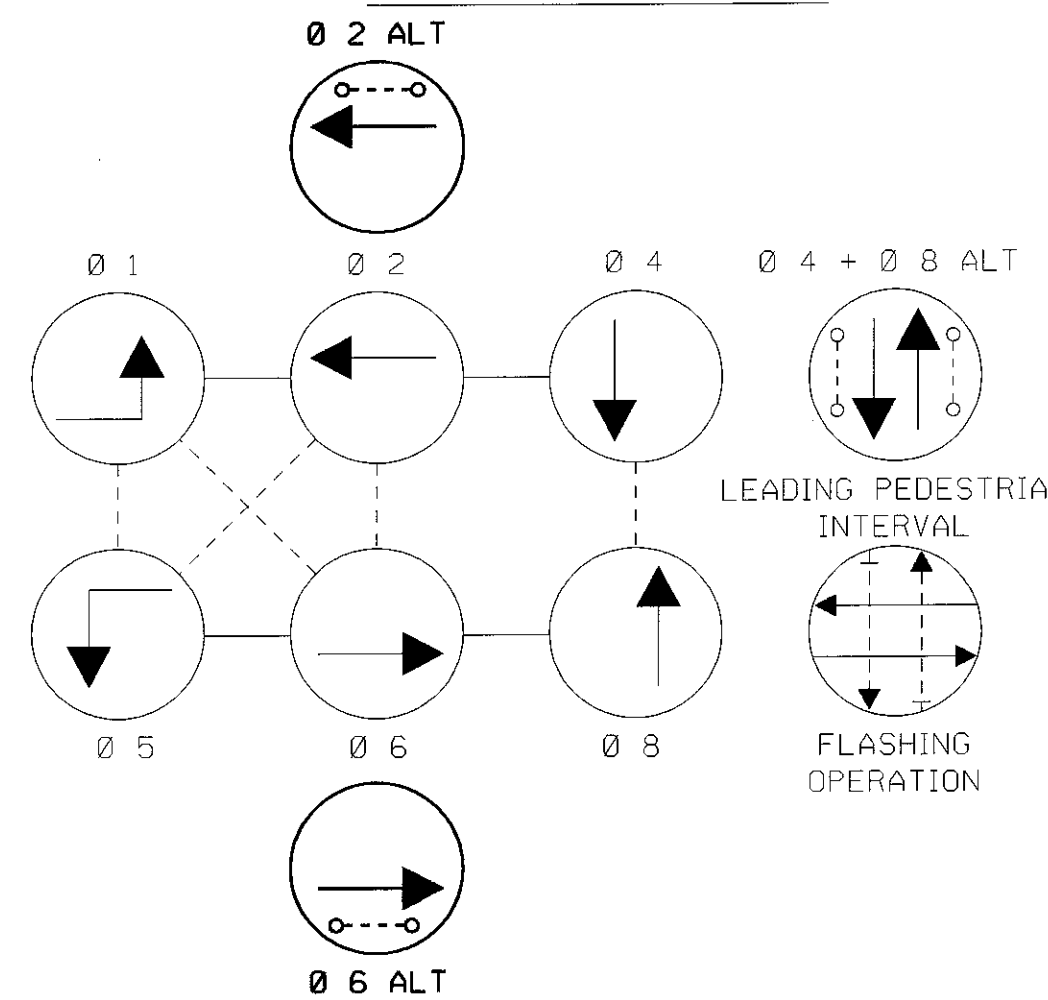
EXISTING SIGNAL HEADS TO BE REMOVED



PROPOSED SIGNAL HEADS

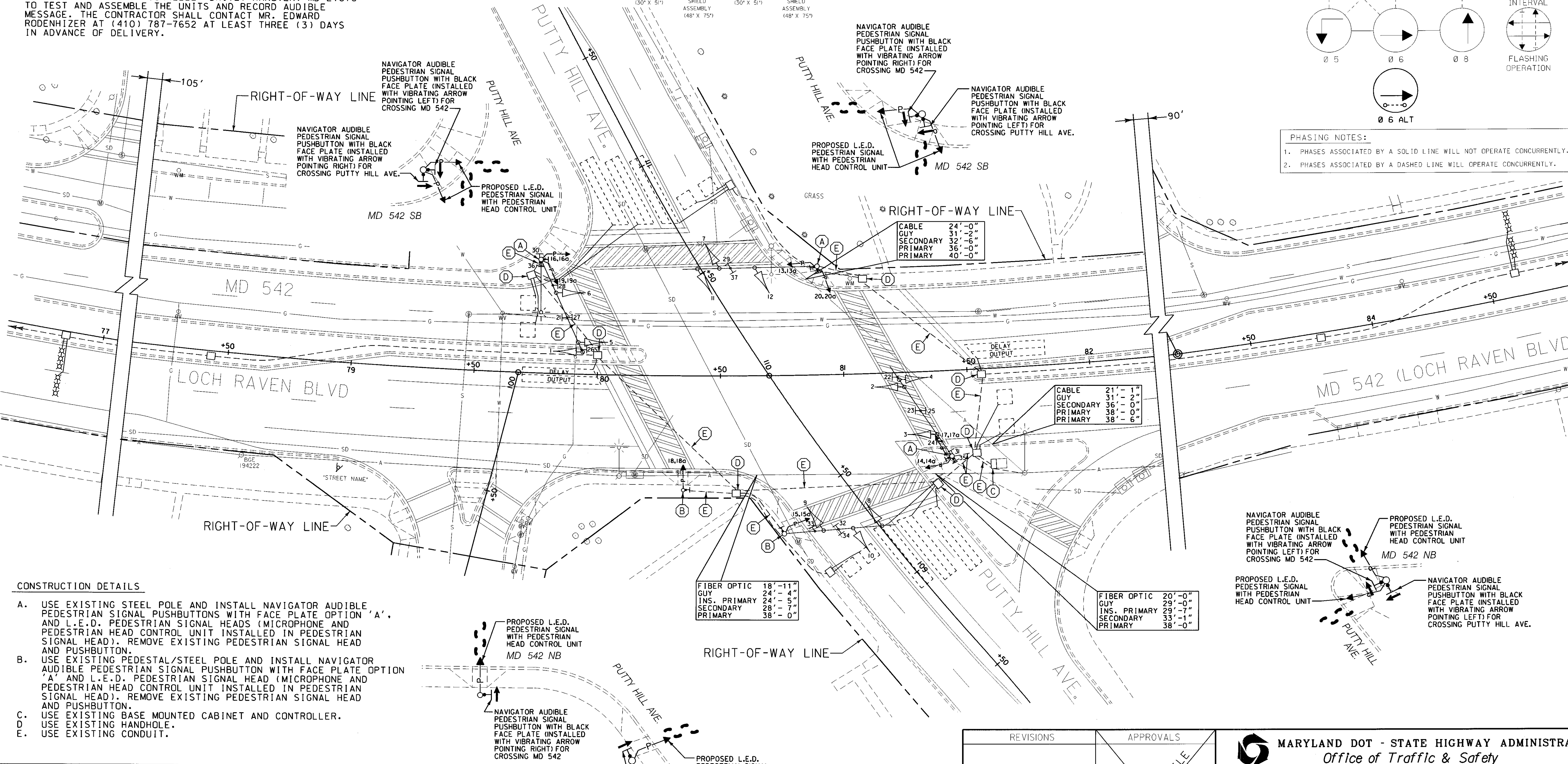


NEMA PHASING



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- USE EXISTING STEEL POLE AND INSTALL NAVIGATOR AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTONS WITH FACE PLATE OPTION 'A', AND L.E.D. PEDESTRIAN SIGNAL HEADS (MICROPHONE AND PEDESTRIAN HEAD CONTROL UNIT INSTALLED IN PEDESTRIAN SIGNAL HEAD). REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON.
- USE EXISTING PEDESTAL/STEEL POLE AND INSTALL NAVIGATOR AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON WITH FACE PLATE OPTION 'A' AND L.E.D. PEDESTRIAN SIGNAL HEAD (MICROPHONE AND PEDESTRIAN HEAD CONTROL UNIT INSTALLED IN PEDESTRIAN SIGNAL HEAD). REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON.
- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt
and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

REVISIONS	APPROVALS
(B) INSTALL AUDIBLE PEDESTRIAN SIGNALS SHA NO. XX1065385 MAY 15, 2002 SRB NML	TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
(A) RELOCATE TRAFFIC SIGNAL POLES CONTRACT NO. BA3225183 ADDENDUM NO.1 MAY 11, 2000 NML	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
(A) RECONSTRUCT TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS CONTRACT NO. BA3225183 03/00 NML	CHECKED: TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 542 (LOCH RAVEN BLVD.) AND PUTTY HILL

DRAWN BY: BRUCE THOMPSON	F.A.P. NO. TS-20138	TS NO. TS-20138	SHEET
CHECKED BY: DENNIS DODA	S.H.A. NO. BAL11A511A	T.I.M.S. NO. E987	2
SCALE: 1" = 20'	COUNTY: BALTIMORE	LOG MILE: 03542001.75	
DATE: 9-26-84			